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CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

25X1A

COUNTRY Indonesia (Celebes)

SUBJECT Makassar, Port and Terminal Information

PLACE ACQUIRED
(BY SOURCE)

25X1A

DATE ACQUIRED
(BY SOURCE)

DATE DISTR. 4 MAY 1989

DATE (OF INFO.)

NO. OF PAGES 2

25X1X

NO. OF ENCLS.

THIS IS UNEVALUATED INFORMATION

SUPP. TO
REPORT NO.General Description of PortPort Information

Controlling depth (MLW)	Entrance Low water 43'	Channel Low water 46'	Pier Low water 26'
Mean tidal range	3,6'	3,6'	3,6'
Velocity of tide	8 hours	8 hours	8 hours
Salinity of water	3%	3%	3%
Nature of bottom	mud and coral	mud and coral	40 cm mud sand underneath

Max size of vessel - 530' length, 59' beam, 33' draft
 Limiting conditions - Draft 43'.

Vessels are not permitted to enter port or depart during hours of darkness as there is no pilot available after darkness 1800 pm.

Pilotage is compulsory due to government regulation.

Special Harbor Regulations: Refer to latest charts of Djawatan Pelajaran for possible mined areas when entering or leaving the port.

Vessels can obtain pratique during normal working hours: 8 am to 12:00 and 13:30 to 16:30.

For any unusual navigational difficulties encountered when entering or leaving the port, check charts for mined areas.

Three tugs are available, one of 2 500 B H P and two of 1 150 B H P

No oil barges are available.

Bunker fuel available from Petroleum Board at Shell pier and harbor docks.

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Inland diesel fuel supplied by Shell dock; H S D bunker diesel fuel supplied by Shell and Standard Vacuum Sales Co dock.

Fresh water is supplied by Harbor Authority at harbor docks only.

There is a machine shop and foundry for minor repairs only.

Standard Vacuum Sales Co Oil Pier

Terminal - K V Standard-Vacuum Sales Co
Owner - Standard Vacuum Sales Co
Used by - Standard Vacuum Sales Co

Berths and Approaches

Controlling depth (MLW)	<u>Berth</u>	<u>Approaches</u>
Mean tidal range	Low water 26'	Low water 43'
Velocity of tide	3,6'	3,6'
Salinity of water	8 hours	8 hours
Nature of bottom	3%	3%
	Slip 40 cm	sand underneath
		sand and coral.

Max size of vessel - 350' length, 55' beam, 26' draft max
Limiting conditions - draft at berth 26'.

Vessels cannot dock or undock during hours of darkness due to government regulations.

Vessels can dock or undock at any stage of tides.

No tugs are required for docking or undocking.

Fires must be extinguished under ships boilers for loading and unloading.

Loading (discharging) of white oil is not permitted during hours of darkness.
Loading (discharging) of black oil is permitted during hours of darkness.

Shore steam is not available

Shore electricity is not available.

Diesel oil ADO is available - 4" line. Max delivery rate:- 300/500 bbls/hr.

Fresh water is barged at the rate of 25 tons/hr.

Shore Installations

Grade	No	El (ft)	Cap (bbls)	<u>Pipelines</u>			
				No & Diam (in)	Length (ft)	Hose Conn No & Size	Max All'd Press
Avigas	1	40'	12500	1 - 8"	548	2 - 8"	75 lbs
Mogas	1	40'	30000	1 - 8"	644	2 - 8"	75 lbs
Kero	1	42'	28800	1 - 8"	835	2 - 8"	75 lbs
ADO	1	42'	14700	1 - 8"	637	2 - 8"	75 lbs

Avigas, mogas, kero and ADO are handled by common pipeline.

Map

Available on loan from CIA Library is the following:

Plan of Port of Makassar; 1:10,000; 1953.

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